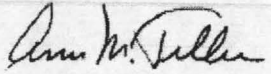


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date March 30, 2012			EPA Reg. No./File Symbol 80697-1		Page 1 of 5
Applicant's/Registrant's Name & Address Zhejiang Tide CropScience Co., Ltd. 21 Hubble Irvine, CA 92618			Product Technical Paclobutrazol		
Ingredient Paclobutrazol (CAS No. 76738-62-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Requirements					
830.1550	Product Identity and Composition	Volume 1 46222001	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN	
830.1600	Description of Materials Used to Produce the Product	Volume 1 46222001	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN	
830.1620	Description of Production Process	Volume 1 46222001	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN	
830.1650	Description of Formulation Process				Not required ¹
830.1670	Discussion of Formation of Impurities	Volume 1 46222001	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN	
830.1700	Preliminary Analysis	Volume 2 46222002 46963001	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN OWN	
830.1750	Certified Limits	Volume 1 46222001	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN	
830.1800	Enforcement Analytical Method	Volume 2 46222002	Zhejiang Tide CropScience Co., Ltd. Zhejiang Tide CropScience Co., Ltd.	OWN OWN	
Signature 			Name and Title Ann M. Tillman, Agent		Date Mar. 30, 2012

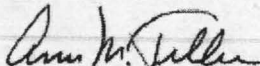
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

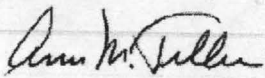
Date March 30, 2012			EPA Reg. No./File Symbol 80697-1		Page 2 of 5
Applicant's/Registrant's Name & Address Zhejiang Tide CropScience Co., Ltd. 21 Hubble Irvine, CA 92618			Product Technical Paclobutrazol		
Ingredient Paclobutrazol (CAS No. 76738-62-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6302	Color	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.6303	Physical State	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.6304	Odor	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Data Waiver ²
830.6314	Oxidation/Reduction: Chemical Incompatibility	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.6315	Flammability	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Waiver ³
830.6316	Explosibility	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Waiver ⁴
830.6317	Storage Stability	47117701	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.6319	Miscibility	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Not applicable ⁵
830.6320	Corrosion Characteristics	47117701	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.6321	Dielectric Breakdown Voltage	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Not applicable ⁵
830.7000	pH	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.7050	UV/Visible Absorption	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.7100	Viscosity	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Not applicable ⁵
830.7200	Melting Point/Melting Range	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
Signature 			Name and Title Ann M. Tillman, Agent		Date Mar. 30, 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

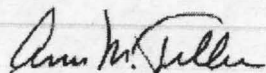
Date March 30, 2012			EPA Reg. No./File Symbol 80697-1		Page 3 of 5
Applicant's/Registrant's Name & Address Zhejiang Tide CropScience Co., Ltd. 21 Hubble Irvine, CA 92618			Product Technical Paclobutrazol		
Ingredient Paclobutrazol (CAS No. 76738-62-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220	Boiling Point/Boiling Range	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Not applicable ⁵
830.7300	Density/Relative Density/Bulk Density	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	
830.7370	Dissociation Constants in Water	48220601	Zhejiang Tide CropScience Co., Ltd.	OWN	Waiver ⁶
830.7520	Particle size, fiber length, and diameter distribution				Not applicable ⁵
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	48220601	Zhejiang Tide CropScience Co., Ltd.	PL	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7560
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7560
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	48220601	Zhejiang Tide CropScience Co., Ltd.	PL	
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure	48220601	Zhejiang Tide CropScience Co., Ltd.	PL	
870.1100	Acute Oral Toxicity: Rat	Cite-all		PAY	
Signature 			Name and Title Ann M. Tillman, Agent		Date Mar. 30, 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

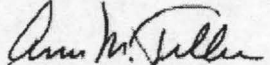
DATA MATRIX

Date March 30, 2012			EPA Reg. No./File Symbol 80697-1		Page 4 of 5
Applicant's/Registrant's Name & Address Zhejiang Tide CropScience Co., Ltd. 21 Hubble Irvine, CA 92618			Product Technical Paclobutrazol		
Ingredient Paclobutrazol (CAS No. 76738-62-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1200	Acute Dermal Toxicity: Rat	Cite-all		PAY	
870.1300	Acute Inhalation Toxicity: Rat	Cite-all		PAY	
870.2400	Primary Eye Irritation: Rabbit	Cite-all		PAY	
870.2500	Primary Dermal Irritation	Cite-all		PAY	
870.2600	Dermal Sensitization	Cite-all		PAY	
Generic Data Requirements					
Zhejiang Crop Science Co., Ltd. will make offers-to-pay to the following companies on the data submitters list of September 30, 2011 for paclobutrazol.					
		Cite-all	Syngenta Crop Protection, Inc.	PAY	
		Cite-all	E. I. DuPont de Nemours and Co., Inc.	PAY	
		Cite-all	Chemtura Corp.	PAY	
		Cite-all	The Andersons Lawn Fertilizer Division, Inc.	PAY	
		Cite-all	Syngenta Crop Protection	PAY	
		Cite-all	Fine Agrochemicals Limited	PAY	
		Cite-all	Spray Drift Task Force	OWN	See endnote ⁷
Signature 			Name and Title Ann M. Tillman, Agent		Date Mar. 30, 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date March 30, 2012			EPA Reg. No./File Symbol 80697-1		Page 5 of 5
Applicant's/Registrant's Name & Address Zhejiang Tide CropScience Co., Ltd. 21 Hubble Irvine, CA 92618			Product Technical Paclobutrazol		
Ingredient Paclobutrazol (CAS No. 76738-62-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		Cite-all	SEPRO Corp.	PAY	
		Cite-all	Outdoor Residential Exposure Task Force	OWN	See endnote ⁷
		Cite-all	Agricultural Reentry Task Force	OWN	See endnote ⁷
		Cite-all	FIFRA Endangered Species Task Force, LLC	PAY	
		Cite-all	Rainbow Treecare Scientific Advancements	PAY	
		Cite-all	Agricultural Handlers Exposure Task Force	PAY	
		Cite-all	U.S. Triazole Task Force	PAY	
		Cite-all	Phoenix Environmental Care, LLC	PAY	
		Cite-all	Scireg, Inc.	PAY	
Signature 			Name and Title Ann M. Tillman, Agent		Date Mar. 30, 2012

Endnotes for Data Matrix for Technical Paclobutrazol

-
- ¹ **830.1650** – Per OPPTS 830.1000, these data are not required for the registration of a technical grade active ingredient. See 830.1620 for production process information.
- ² **830.6313** - Zhejiang Tide CropScience Co. Ltd. will not be packaging Technical Paclobutrazol in metal containers, nor is Technical Paclobutrazol expected to come into contact with metals or metal ions during its storage. Therefore, Zhejiang Tide seeks a waiver from the stability to metal and metal ions portion of this data requirement.
- ³ **830.6315** - Zhejiang Tide seeks a waiver from conducting the flammability study with Technical Paclobutrazol because it is a solid and does not contain any material that can be considered to be flammable.
- ⁴ **830.6316** - Zhejiang Tide seeks a waiver from this data requirement because Paclobutrazol does not contain the chemical bonds or functional groups associated with explosive chemicals.
- ⁵ **830.6319, 830.6321, 830.7100, 830.7220, 830.7520** – Miscibility data are not applicable because Technical Paclobutrazol is a solid and not an emulsifiable liquid. Dielectric breakdown voltage is not applicable because Technical Paclobutrazol is a technical grade material and not an end-use product. Viscosity data are not applicable to Technical Paclobutrazol because it is a solid. Boiling point data are not applicable to solids (refer to melting point data). Particle size, fiber length and diameter distribution is not applicable to Technical Paclobutrazol because it is not a water-insoluble or fibrous material.
- ⁶ **830.7370** - Zhejiang Tide seeks a waiver from this data requirement because Paclobutrazol has no acid functionality. The amine functionality would not be expected to be a strong base since the pH of a 1% dispersion in deionized water is below 7. Therefore these data are not applicable to paclobutrazol.
- ⁷ Zhejiang Tide CropScience through its affiliation with Tide International is a member of this task force.